HUBBELL NextSpeed

BIDnet™ Pre-terminated Assemblies

HUBBELL Advantage

- Assembled with 3rd Party Verified Category 6A/6/5E Compliant Components
- Reduces Installation Time by More than 70%
- 100% Factory Tested in a Controlled Environment
- Assemblies Made to Length Eliminates Jobsite Waste

Superior Strain Relief

Molded mechanical strain relief maintains factory termination, provides maximum strain relief during and after installation.

Versatility

BIDnet™ can be utilized in standard Hubbell iSTATION, delivery and cross connect products for data center and open office applications.

Flexibility

BIDnet™ is available in various configurations, categories, colors, and lengths to help identify different LAN applications.

Identification

Each individual permanent link is labeled at each end making it easy for moves adds and changes.

BIDnet™ (Building Infrastructure Design for Networking) Pre-terminated Assemblies are the ideal solution for data centers, open office and other applications where accuracy, reliability and performance are required.

BIDnet Pre-terminated Assemblies provide simplicity for permanent links between switches, servers and patch panels, MUTOAs and zone distribution areas, enabling easy MACs (moves, adds and changes) to the infrastructure.

Featuring 100% factory tested assemblies that reduce installation time and labor, compared to traditional field terminated permanent links.

Go Green with **BIDnet** Pre-terminated Assemblies - **BIDnet** assemblies are provided to the exact specification length reducing jobsite waste.

SPECIFICATIONS

Jacks

- Nose contact material: Beryllium Copper with Precious Metal plating over Nickel under-plating.
- Contact performance: confirmed over the full range of TIA plug deflection limits.
- Jack body material
  - UTP - UL 94V-0
  - FTP - Zinc Diecast

Plugs

Mechanical:

- Cable to plug tensile strength: 20+ lbs.
- Mating cycles: 2000+

Material:

- Plug body: Polycarbonate UL 94V-0
- Plug boot: PVC
- Contact: High strength copper alloy
- Plating: 50 micro-inch Precious Metal over 100 micro-inch under-plating

Cable

UTP:

- Category 5e Sweep tested to 400MHz
- Category 6 Sweep tested to 500MHz
- Category 6 10G Sweep tested to 500MHz
- Category 6A Sweep tested to 700MHz

FTP:

- Category 6 Sweep tested to 500MHz

STANDARDS

- TIA-568-C.2
- ISO 11801 Class D, E, and E_A Compliant (Category 6A)
- IEEE 802.3at capable
- Components UL Listed 1863

APPLICATIONS

- Server to Server
- Switch to Switch
- Patch Panel to Patch Panel
- Intra-Cabinets
- MUTOAs
- Zone Distribution areas
- Open Office
- Modular Furniture

For application definitions and examples contact Technical Support @ 800-626-0005.

ORDERING INFORMATION

Available Options

Lengths: 10'-295' (1 foot increments)

Legs: 1, 4, 6 & 12.

Category

5e, 6, 6E/10GbE and 6A Component

Connection

RJ45 Jack (UTP & FTP)

RJ45 Plug (UTP & FTP)

Open End

Cable

Plenum
Riser

Leg Break Out

Minimum 18" - Maximum 36"

Staggered or Straight

Labeling

Standard (1 to 1)

Customized

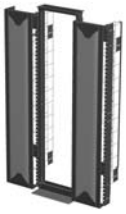
Contact Hubbell Customer Service for pricing and availability.

INTEGRATED SOLUTIONS

Station Solutions
- I-Station Products

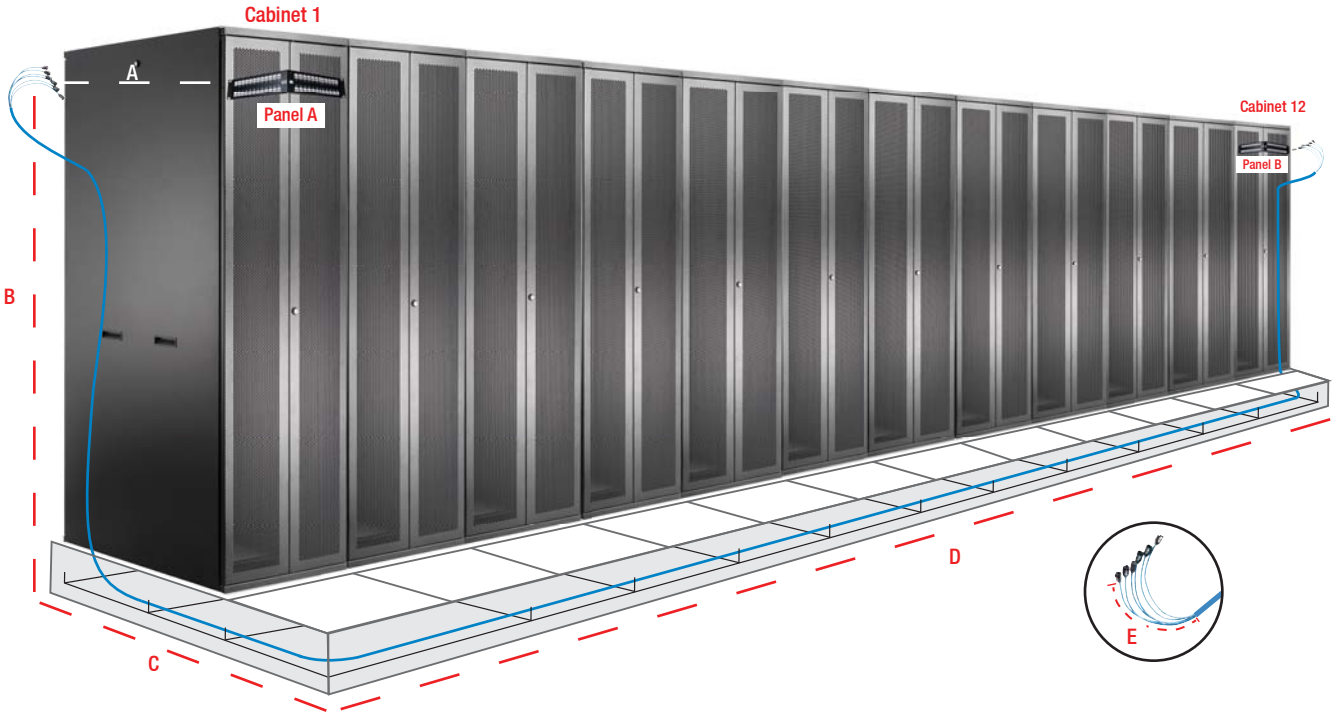
Cross-Connect Systems Solutions
- All UDX Multimedia Panels
- Vertical Patch Panels

Metal Solutions
- I-Frame Cabinets
- XXL Organizers



Delivery Systems Solutions
- Floor Boxes
- Conference Table Boxes
- Raceway Metal & Non-Metallic

TYPICAL APPLICATION



Measurement Equation: Panel A to Panel B. A1 + B1 + C1 + D + C2 + B2 + A2 = XX

A Each BIDnet cable needs to be measured from the rack position of the panel in the cabinet/rack to the cable management runway in the cabinet/rack, this denoted by –A–. In the picture above this would be from the front to the rear of the Cabinet. This would also be where the breakout would be measured too –E–.

B The measurement for –B– is from the rack position inside the runway to either the cable tray in the raised access floor (as pictured) or above in the ladder rack.

C The measurement for –C– is from the area where the cabinet cable runway falls into the cable tray to where the cable tray makes the bend.
Note: In some cases –C– may not be an actual measurement. This would be only if the cable falls from the cabinet cable runway directly into the cable tray or above in the ladder rack. Repeat same measurement for (A2, B2, C2) in cabinet/rack 12 as panels and locations will vary.

D The measurement for –D– is the total distance of the cable tray or ladder rack between the cabinet/rack.

E The measurement for –E– is not an option in the total length of the BIDnet assembly; it is an option of cable break out from the meshed bundle. This option provides the customer with an option of having the cable broken out at a minimum of 18" to a maximum of 36" from the bundled mesh. The other option here is to have the jacks staggered every 1.9" for pulling or panel placement or terminated straight across as pictured above.

Hubbell Premise Wiring
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